

piINLINE® vacuum generator MIDI Pi, 8-12 mm

Article number: 0122899



- Patented COAX® cartridge technology.
- High vacuum flow capacity in relation to energy consumption.
- Low weight inline design with push-in fittings for vacuum and compressed air.
- Quick and easy installation directly on the hose.
- Si cartridge for extra vacuum flow.
- Pi cartridge for high performance at low feed pressures.
- Xi cartridge when high flow and deep vacuum is needed.

Technical data

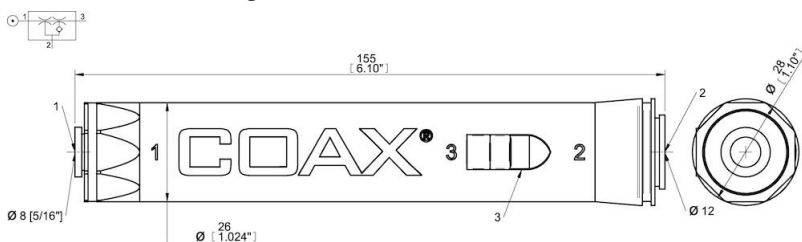
| Description | Unit | Value |
|---------------------|------|-----------------------------|
| Material | - | CuZn, Nitrile (NBR), PA, SS |
| Temperature, max. | °C | 80 |
| Temperature, min. | °C | -10 |
| Weight, min. | g | 87 |
| Feed pressure, max. | MPa | 0.7 |
| Noise level, max. | dBA | 98 |
| Noise level, min. | dBA | 90 |

Performance

| Feed pressure MPa | Air consumption NI/s | Vacuum flow (NI/s) at different vacuum levels (-kPa) | | | | | | | | | | | | | Max vacuum kPa |
|----------------------|-------------------------|--|-----|-----|------|------|-----|------|------|----|-----|----|----|----|-------------------|
| | | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 75 | 80 | 90 | 95 | 99 | |
| 0.31 | 2 | 2.7 | 2.2 | 1.5 | 0.93 | 0.65 | 0.5 | 0.35 | 0.25 | 0 | 0.1 | 0 | 0 | 0 | ≥90 |

| Feed pressure MPa | Air consumption NI/s | Evacuation time (s/l) to reach different vacuum levels (-kPa) | | | | | | | | | | | | | Max vacuum kPa |
|----------------------|-------------------------|---|-----|------|-----|------|------|------|------|----|----|----|------|-------|-------------------|
| | | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 95 | 99 | 99.5 | 100.3 | |
| 0.31 | 2 | 0.04 | 0.1 | 0.18 | 0.3 | 0.48 | 0.71 | 1.05 | 1.85 | 4 | 0 | 0 | 0 | 0 | ≥90 |

Dimensional drawings



Values specified in this data sheet are tested at (unless otherwise stated):

- Room temperature (20°C [68°F] ± 3°C [5.5°F]).
- Standard atmosphere (101.3 [29.9 inHg] ± 1.0 kPa [0.3 inHg]).
- Compressed air quality, DIN ISO 8573-1 class 4.

Spare parts

- 0123031 | Silencer piINLINE® MIDI
- 0123095 | Snap-in piINLINE® 1x MIDI mounting bracket
- 0123096 | Snap-in piINLINE® 1x MIDI mounting bracket for silencer